

Table 4 Cases where the Tank was the Leak Source

County / City		Leak Source	Tank Age	How Discovered	Date Discovered	Monitoring	Last Tank Test	Result of Tank Test	Time Lapse*	Last MIR/SIR	Result of MIR/SIR	Notes
01	HAYWARD	TLD	16	MW	2/23/86	N						
01	SAN LEANDRO	T	38	TC		Y	9/9/94	P				0.0475,0.046,0.022 P test & 0 .11,0.22,0.04 U test, hole on top. Test results showed they are tight, but there was evidence that they had leaked. Removed tanks were corroded & hole on top.
04	CHICO	T	U	SM	2/19/96	N						
07	LAFAYETTE	T		TC	6/9/93	U						

County / City		Leak Source	Tank Age	How Discovered	Date Discovered	Monitoring	Last Tank Test	Result of Tank Test	Time Lapse*	Last MIR/SIR	Result of MIR/SIR	Notes
10	MIRAMONTE	T	30	TC		Y	9/1/87			11/1/87	P M	Tanks appeared sound during removal
10	FRESNO	T	33	TC	10/16/95	Y	4/26/95	P	6	3/17/94	P MG	90, 92,93,94 P Horner. For 95 test : 0.039 leak rate. Tank: rusty, pitted, holes. 550 gallon tank
10	HELM	T	U	TC	11/1/95	N						Holes on bottom of tank. no file prior to removal permit
10	HURON	TL	35	TC	11/17/95	N						Holes in tank. Initial inpection 3/90, tanks not in operation
10	FRESNO	T	U	TC	11/12/95	N						

County / City		Leak Source	Tank Age	How Discovered	Date Discovered	Monitoring	Last Tank Test	Result of Tank Test	Time Lapse*	Last MIR/SIR	Result of MIR/SIR	Notes
10	RIVERDALE	T	20	TC	11/12/95	N						Tanks not in use since 6/87. Last inspection 10/90
10	FRESNO	T	U	SB	12/4/95	Y	3/24/94	P	21		P M	90 P, NDE test method. 93 P TelALeak.
10	FRESNO	TL	U	TC	12/22/95	Y	3/16/94	P	21	8/1/90	P M	5/21/92 & 8/13/93 two tanks P and two tanks F the VacuTect test. 1/25/94, 4/7/94 P but no line or LLD tests.
10	FRESNO	T	25	TC	1/9/96	N						Initial Inspection 7/95, Tank removed 12/95. Holes on bottom of tank
10	FRESNO	T	20	TC	1/3/96	N						Tank: rusty, pitted, 12/91 3 TRs. 12/95 1 TR, gas tank leak

County / City		Leak Source	Tank Age	How Discovered	Date Discovered	Monitoring	Last Tank Test	Result of Tank Test	Time Lapse*	Last MIR/SIR	Result of MIR/SIR	Notes
10	ORANGE COVE	TD	U	TC	2/2/96	Y	6/1/92	P	44	3/31/91	P M	Holes on bottom of tank. 12/90 MIR summary P
15	BAKERSFIELD	T		TC	7/12/91	N						
15	BORON	T	U	TC	7/24/92	N						
15	EDISON	T	U	TC	8/21/95	N						
15	BAKERSFIELD	T		TC	5/7/91	N						

County / City		Leak Source	Tank Age	How Discovered	Date Discovered	Monitoring	Last Tank Test	Result of Tank Test	Time Lapse*	Last MIR/SIR	Result of MIR/SIR	Notes
17	KELSEYVILLE	T	36	TC	12/6/95	Y	3/31/93	P	33	10/31/95	P S	2/94, 8/94, 9/94 gains exceeding SIR threshold on one tank were reported "P". SIR method used not reported. 3/31/93 UL Reg Line test , and XLD passed. 7/1/94 both Reg & Sup UL lines and XLDs pass.
19	COMPTON	TLD	16	TC	6/4/91	Y	3/19/86	p	63			5 tanks 16- 27 years old, one is a clarifier tank, never tested. Failed gasoline tank P the 3/19/86 tank test. Diesel tank "P" a 10/16/85 test, no line test, leak was around pipe and dispenser.
19	ALHAMBRA	T	U	SI	3/6/91	Y	1/28/87	P	50			1988 Site Investigation discovered leak. waste oil tested on 3/12/87 "P".
19	LOS ANGELES	T	7	AI	1/24/96	Y						10/26/95 leak detection equipment checked. maintenance work lead to discovery of leak. According to release form, cause was rupture/failure of a fiberglass tank
19	REDONDO BEACH	T		SM	1/30/96	N						No contamination shown on county files for this site

County / City		Leak Source	Tank Age	How Discovered	Date Discovered	Monitoring	Last Tank Test	Result of Tank Test	Time Lapse*	Last MIR/SIR	Result of MIR/SIR	Notes
19	LOS ANGELES	T	U	TC	3/7/95	N						
19	INDUSTRY	T	21	TC	12/28/95	Y	8/23/93	P	28			Diesel tank removed 11/7/95. 10/11/89, 3/5/91, 8/23/93 tests all pass
19	SIGNAL HILL	T	15-2	TC	5/10/95	N						Unleaded gasoline and diesel tank removed 5/8/95
19	HUNTINGTON PAR T		18	TR	9/14/95	N						Diesel tank removed 2/27/90
19	INGLEWOOD	TD	29	TC	11/2/95	Y	11/13/94	P	12			Tank removal date 7/11/95. Waste oil and gasoline tanks. No line leak detectors. Woil Leak rate 0.045 gph.

County / City		Leak Source	Tank Age	How Discovered	Date Discovered	Monitoring	Last Tank Test	Result of Tank Test	Time Lapse*	Last MIR/SIR	Result of MIR/SIR	Notes
19	SOUTH EL MONTE	T	21	TC	9/21/95	Y	10/15/93	P	23			Unleaded gasoline tank removed 9/21/95. 86,87,88,89, (these reports suspected of being falsified), 92 and 10/15/93 tests pass.
19	WOODLAND HILL	T		TC	11/1/94	N						
19	HANCOCK PARK	T		TC	10/24/95	N						
20	MADERA	T	U	TC	7/19/93	Y	6/1/91	P	25	10/15/92	PM	MIR summaries for 1/90,10/90,1/92,4/92,7/92,10/15/92. Tank removed 6/25/93. Small holes obsereved in the tank.
20	NORTH FORK	T	U	OT	10/19/95	N						leak discovered during construction.

County / City		Leak Source	Tank Age	How Discovered	Date Discovered	Monitoring	Last Tank Test	Result of Tank Test	Time Lapse*	Last MIR/SIR	Result of MIR/SIR	Notes
22	YOSEMITE NP	T		OT	11/14/95	U						
24	LOS BANOS	T	U	TC	11/8/95	N						Abandoned waste oil tank discovered late 1995, when a gas station closed 20 years earlier was torn down to widen the road. Tanks was nearly half full of waste oil.
27	SALINAS	T	16	TC	12/27/95	N						
27	CARMEL	T	11	SM	6/5/95	Y						
28	NAPA	T	U	TC	9/14/95	N						Abandoned tank.

County / City		Leak Source	Tank Age	How Discovered	Date Discovered	Monitoring	Last Tank Test	Result of Tank Test	Time Lapse*	Last MIR/SIR	Result of MIR/SIR	Notes
28	NAPA	T	U	SI	10/31/95	N						Farm tank
29	GRASS VALLEY	T	U	TC	10/18/95	N						Residential heating oil tank
31	TAHOE CITY, CA	T		OT	12/4/95	N						
31	ROCKLIN	T	U	TC	11/29/95	N						Tanks abandoned since 1980
32	QUINCY	T	U	TC	10/26/95	N						

* Time lapsed between last tank test and leak discovery date (months)

County / City		Leak Source	Tank Age	How Discovered	Date Discovered	Monitoring	Last Tank Test	Result of Tank Test	Time Lapse*	Last MIR/SIR	Result of MIR/SIR	Notes
33	MENIFEE	T		TC	1/31/96	N						
33	RIVERSIDE	T		TC	2/5/96	N						
34	WALMUT GROVE	T	U	TC	2/23/94	N						Tank has been empty since 1986
36	BAKER	T		TC	8/3/95	N						
41	REDWOOD CITY	T		TC	9/17/86	N						Tanks removed in 80's.

County / City		Leak Source	Tank Age	How Discovered	Date Discovered	Monitoring	Last Tank Test	Result of Tank Test	Time Lapse*	Last MIR/SIR	Result of MIR/SIR	Notes
41	HALF MOON BAY	T	20	TC	9/19/95	N						tanks were in use between 1940-1960. No recent usage is known.
43	LOS ALTOS HILLS	T		TC	10/11/95	U						
45	REDDING	T		TC	10/25/95	U						
45	ANDERSON	T		TC	10/25/95	U						
45	REDDING	T		OT	2/27/96	U						

County / City		Leak Source	Tank Age	How Discovered	Date Discovered	Monitoring	Last Tank Test	Result of Tank Test	Time Lapse*	Last MIR/SIR	Result of MIR/SIR	Notes
49	PETALUMA	T	U	TC	7/27/95	U						unknown residential tank
54	STRATHMORE	T	U	TC	10/2/95	N						Previously undisclosed residential UST
55	GROVELAND	T	U	TC	1/2/96	Y	11/17/93	P	26			The business was closed for business some time after 12/23/93. Tanks were pulled in 1/2/96. 11/10/92 test pass @ 0.045, 0.020 gph, Ainlay.
56	OXNARD	T		TC	11/27/95	U						
57	WOODLAND	T		TC	10/3/95	N						unpermitted tank

* Time lapsed between last tank test and leak discovery date (months)

County / City	Leak Source	Tank Age	How Discovered	Date Discovered	Monitoring	Last Tank Test	Result of Tank Test	Time Lapse*	Last MIR/SIR	Result of MIR/SIR	Notes
57	GUINDA	T	U	TC	7/20/95	Y	1/1/93	P	30		Source of leak was an unknown tank near permitted one.

60 - Total of tank leak cases					Monitoring (Y):	17	Average time, in month, between last tank test and leak discovery date:		29
					Monitoring (N):	35	Number of cases with tank test information:		15
					Monitoring (U):	8	Number of tank tests reported as a "pass":		14
					Percent using monitoring:	28%			
					Percent not using monitoring:	58%			